

Louise Aldridge

Frontend Developer - React.js, TypeScript, JavaScript

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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I am a **Frontend Developer** specialising in **React, TypeScript, JavaScript, and Accessibility**. My current interests include learning **Vitest**. I combine strong coding skills with a focus on digital accessibility, creating websites and applications that are both user-friendly and mission-focused.

Projects

Typed Tenzies ([Code](#) | [View Site](#))

A frontend **TypeScript** and **React** application of the dice strategy game, Tenzies.

- ★ Developed a dice game with fully typed state and props using **TypeScript** for improved type safety and maintainability.
- ★ Implemented dice roll and hold functionality and win-condition detection with `useEffect`.

Quizzical ([Code](#) | [View Site](#))

A frontend general knowledge quiz app built with **React** and the **Open Trivia Database API**, featuring unit tests written with **Vitest**.

- ★ Implemented basic **Vitest** tests to safeguard core functionality and ensure code reliability.
- ★ Managed quiz state across stages and used `useEffect` to handle **API** calls and reactive logic.
- ★ Built with **React** and integrated the **Open Trivia Database API** for dynamic question generation.

PinPoint ([Code](#) | [View Site](#))

A frontend **React** application designed to help users track their goals while staying focused and motivated. This project allows users to choose from multiple themes, organise goals by levels, break them into to-do lists, and monitor progress with a progress bar.

- ★ Reusable goal components with state managed in the parent component
- ★ Callback functions in child components to update and modify goal states
- ★ Real-time progress tracking with an interactive progress bar

Dash and Dine ([Code](#) | [View Site](#))

A frontend **TypeScript** application styled with **Tailwind CSS** that allows customers to add or remove items from their order and complete checkout.

- ★ Dynamic total calculation and item management
- ★ Originally built with **JavaScript** and refactored to **TypeScript** for improved type safety and maintainability

Experience

AbilityNet - Digital Marketing Assistant (Accessibility)

June 2022 - May 2024

- ★ Raised awareness about disability and **digital accessibility** by creating and designing content for social media, email campaigns, podcast channels, and the charity's website.
- ★ Contributed to the planning, delivery, and promotion of **digital accessibility** conferences and webinars, enhancing both community engagement and my understanding of accessibility best practices.
- ★ Adapted Dotdigital's embed sign-up form code to align with the company's **CSS** styling, delivering a quick fix in-house and avoiding delays from the external developer agency.

Qvis Lighting & Security - eCommerce Team Leader (Jira, HTML, CSS, Magento, Wordpress, SAP)

June 2021 - June 2022

- ★ Led a small team to streamline workflows and deliver website content on schedule, including creating an automated Google Sheet to align product data for CSV import with **Magento** requirements.
- ★ Translated wireframes into functional website and app pages and improved product-category structures to enhance **UX** and navigation.
- ★ Designed, built, and styled new website pages using **Magento** and **WordPress** page builders, **HTML**, and **CSS**.
- ★ Managed and resolved website/app support tickets in **Jira** Service Desk to meet SLAs, covering customer-account issues, bugs, and general technical incidents.
- ★ Collaborated with the development team to investigate and resolve web-app issues identified through user feedback and manual testing, including inaccurate product-stock automation from **SAP**, customer-group store-view logic errors, and migration challenges during a **Magento** version upgrade.
- ★ Led the transition from **MailerLite** to **Klaviyo** after presenting a migration plan to stakeholders, then built new automated flows and email campaigns, improving customer engagement by **22.5%**.

Qvis Lighting & Security - Web Administrator (HTML, CSS, Magento)

October 2019 - June 2021

- ★ Managed website content in **Magento** by regularly adding and updating products, brands, categories, and supporting content to maintain accuracy and improve user experience.
- ★ Created standardised templates for product data, images, and technical sheets to ensure consistent, high-quality presentation across the website.
- ★ Revamped transactional **HTML** emails to improve clarity, branding consistency, and overall customer engagement.

Education

Software Development Tech Finishing School Bootcamp

TechNative Digital, September - Present

- **JavaScript** fundamentals, **API** handling
- **React** and state management libraries such as **Redux** and **Zustand**
- Version control and team collaboration with **Git** and **GitHub**

Certified Professional in Accessibility Core Competencies- IAAP, Issued August 2024

MA Digital Media: Distinction - University of Sussex, September 2018 -September 2019

Ba Hons Media: 2:1 - University of Chichester, September 2014 - September 2017